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**SEVENTEENTH SUPPLEMENTAL INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
(Use several sheets if necessary)

Applicant:

Cunningham, et al.

Filing Date:

August 15, 2001

Group:

1743

U.S. PATENT DOCUMENTS

Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date if Appropriate
<i>ps</i>	*	US 2003/0148542	8-7-03	Pawlak			11-27-02
	*	US 2002/0171045	11-21-02	Perraut			5-17-02
	*	4,815,843	3/28/89	Tiefenthaler, et al.	356	128	5/29/86
	*	4,952,056	8/28/90	Tiefenthaler	356	73.1	5/5/89
	*	5,071,248	12/10/91	Tiefenthaler, et al.	356	128	11/14/88
<i>ps</i>	*	3,810,688	5/14/74	Ballman, et al.	350	96	5/21/73
	*	3,856,604	12/24/74	Hershler, et al.	166	361	9/15/72
<i>ps</i>	*	4,050,895	9/27/77	Hardy, et al.	436	527	9/17/76
	*	4,344,438	8/17/82	Schultz	128	633	4/28/80
	*	4,560,246	12/24/85	Cramp, et al.	385	12	8/9/82
	*	4,650,329	3/17/87	Barrett, et al.	356	481	11/29/84
	*	4,652,290	3/24/87	Cho et al.	65	31	7/5/83
	*	4,701,008	10/20/87	Richard et al.	385	132	8/10/84
	*	4,810,658	3/7/89	Shanks, et al.	436	172	2/13/86
	*	4,818,710	4/4/89	Sutherland, et al.	436	527	12/6/85
	*	4,857,273	8/15/89	Stewart, et al.	436	82	4/4/86
	*	RE33,064	9/19/89	Carter	436	34	10/9/87
<i>ps</i>	*	4,608,344	8/26/86	Carter, et al.	436	34	5/18/83
	*	4,621,194	4/17/01	Lyndin et al.	436	518	10/12/99

6-16-05



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	Document Number								Date	Country	Class	Subclass	Translation	
													Yes	No
1.	8	1	0	0	9	1	2	4/2/81	PCT					
2.	0	0	7	5	3	5	3	3/30/83	PCT					
3.	6	7	0	5	2	1	A5	6/15/89	CH					
4.	6	6	9	0	5	0	A5	2/15/89	CH					
5.	8	6	0	7	1	4	9	12/4/86	PCT					

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc).

	6.	Neuschafer et al., <u>Evanescent resonator chips: a universal platform with superior sensitivity for fluorescence-based microarrays</u> . Biosensors & Bioelectronics, 18 (2003) 489-497.
	7.	Budach et al., <u>Generation of transducers for fluorescence-based microarrays with enhanced sensitivity and their application for gene expression profiling</u> . Analytical Chemistry, 2003 Jun 1;75(11):2571-7.
	8.	W. Lukosz and K. Tiefenthaler, "Embossing technique for fabricating integrated optical components in hard inorganic waveguiding materials," <u>Optics Letters</u> , vol. 8, pp. 537-539 (1983)
js	9.	K. Tiefenthaler and W. Lukosz, "Integrated optical switches and gas sensors," <u>Optics Letters</u> , vol. 10, pp. 137-139 (1984)
js	10.	Chabay, "Optical Waveguides," <u>Analytical Chemistry</u> , vol. 54, pp. 1071A - 1080A (1982)
js	11.	Sutherland et al., "Optical Detection of Antibody-Antigen Reactions at a Glass-Liquid Interface," <u>Clin. Chem.</u> , vol. 30, pp. 1533-1538 (1984)
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js	13.	N.J. Harrick and George I. Loeb, "Multiple Internal Reflection Fluorescence Spectrometry," <u>Analytical Chemistry</u> , vol. 45, pp. 687-691 (1973)
js	14.	P.K. Tien, "Light Waves in Thin Films and Integrated Optics," <u>Applied Optics</u> , vol. 10, pp. 2395-2413 (1971)
js	15.	Dakss, et. al., "Grating Coupler for Efficient Excitation of Optical Guided Waves in Thin Films," <u>Applied Physics Letters</u> , vol. 16, pp. 523-525 (1970)
js	16.	Sutherland et al., "Immunoassays at a Quartz-Liquid Interface: Theory, Instrumentation and Preliminary Application to the Fluorescent Immunoassay of Human Immunoglobulin G," <u>Journal of Immunological Methods</u> , vol. 74, pp. 253-265 (1984)
js	17.	English translation of CH 670 521 A5
js	18.	English translation of CH 669 050 A5
EXAMINER		DATE CONSIDERED
js		6-16-05

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